

FIG. 1

OVERALL AUTHORIZATION PROCESS

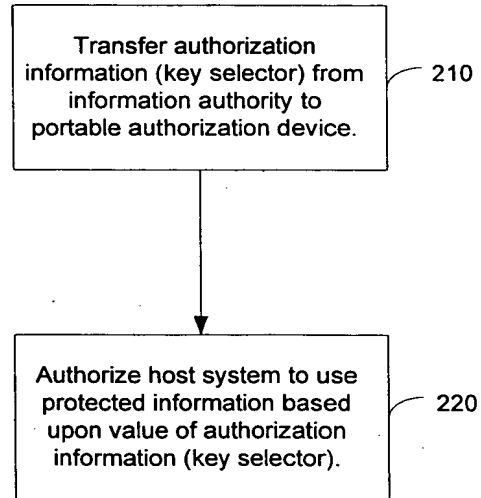


FIG. 2

PORTABLE AUTHORIZATION DEVICE

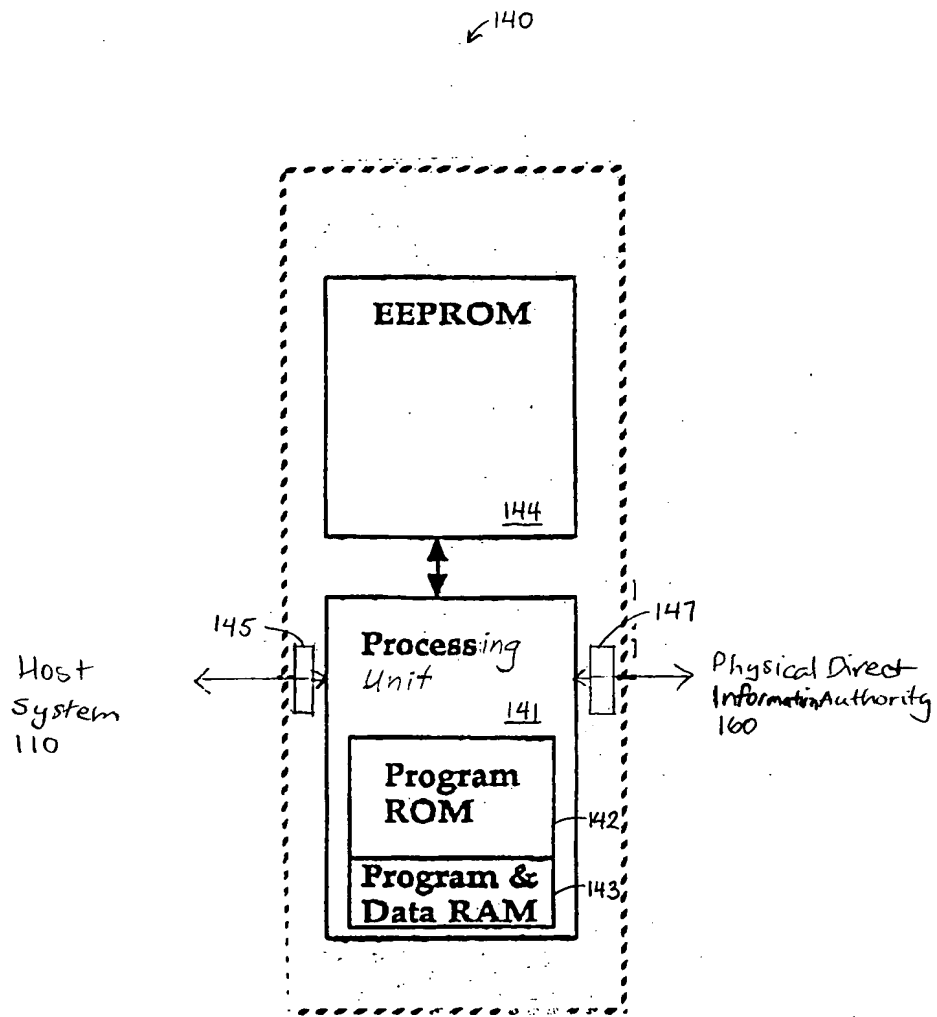


FIG. 3

FUNCTIONAL COMPONENTS OF
PORTABLE AUTHORIZATION DEVICE

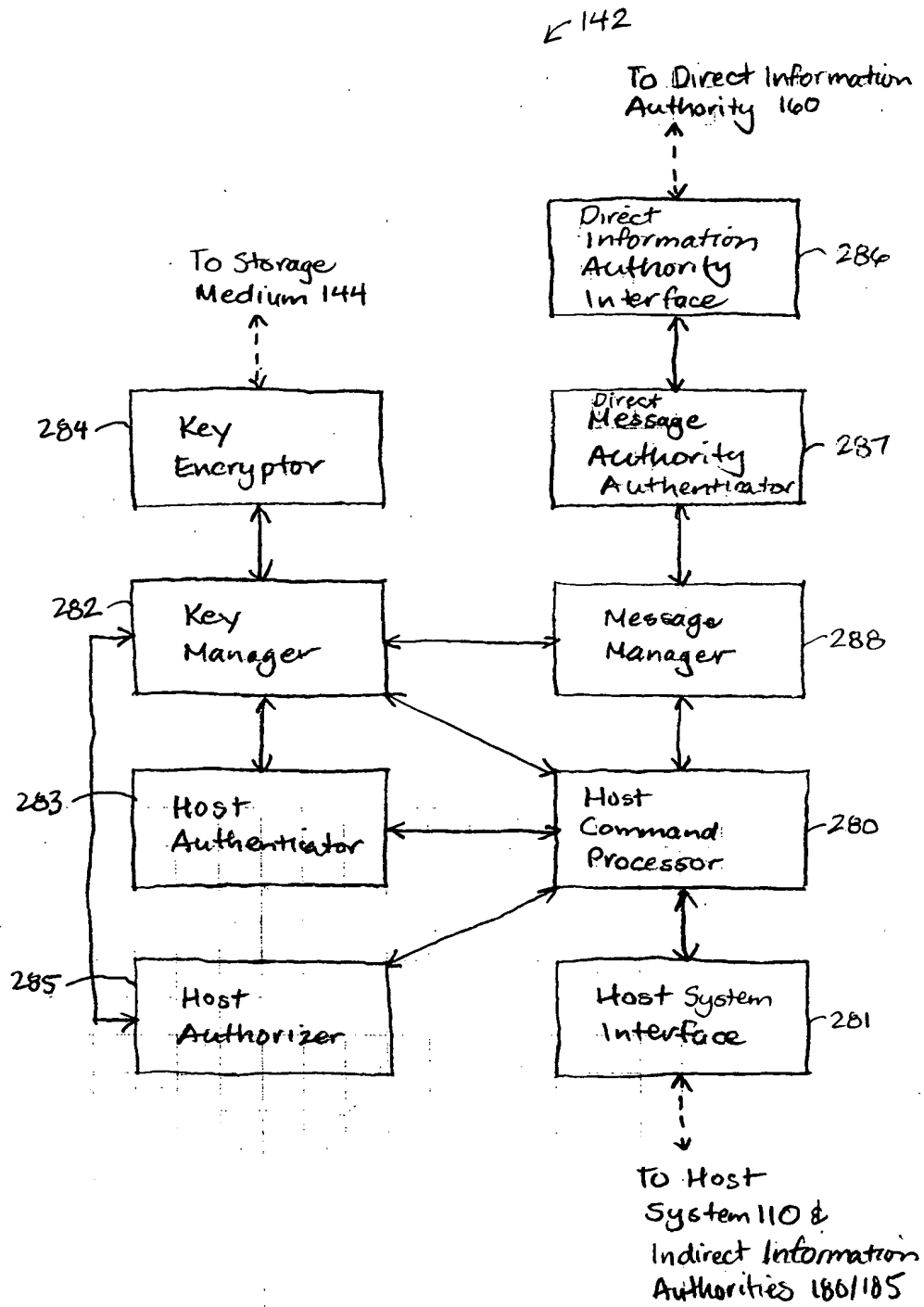


FIG. 4

PORTABLE AUTHORIZATION DEVICE
STORAGE MEDIUM

144

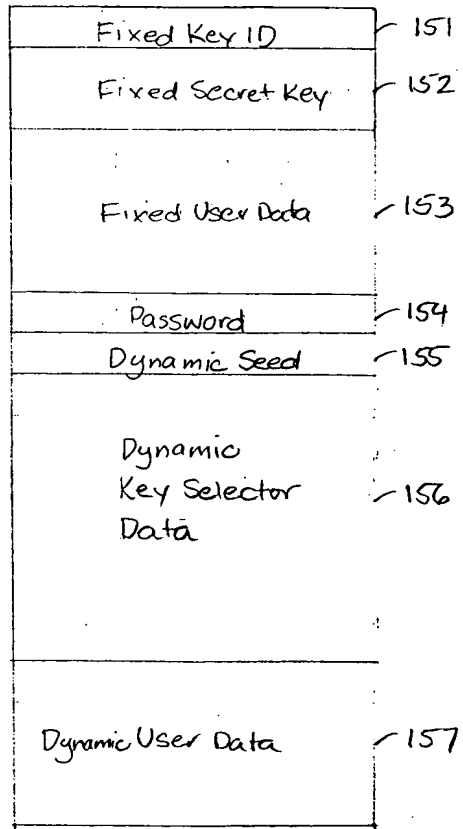


FIG. 5

FORMAT OF
DYNAMIC USER DATA

← 157

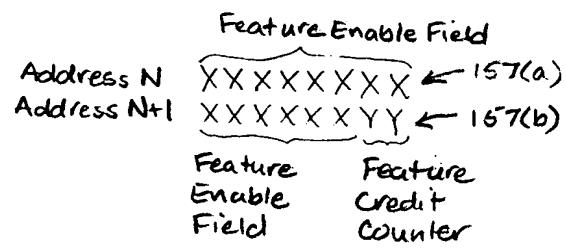


FIG. 6

PHYSICAL DIRECT
MESSAGE AUTHORITY

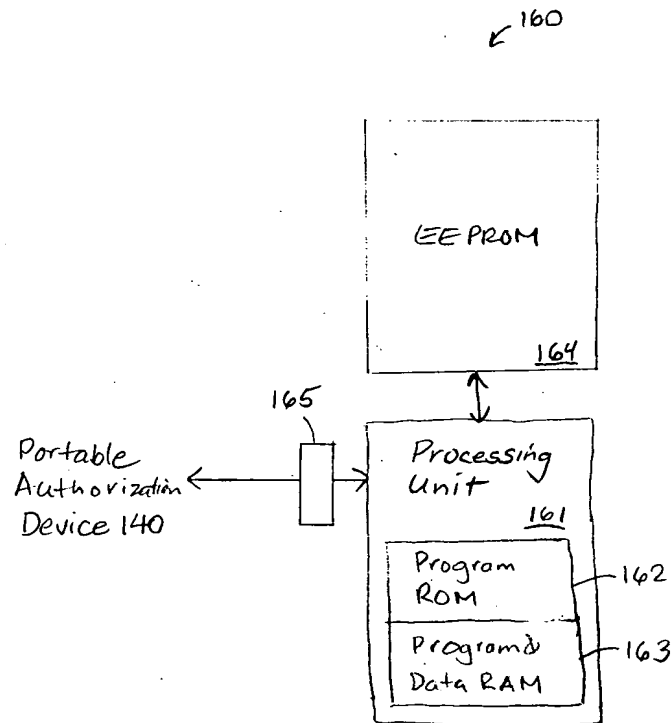


FIG. 7

PHYSICAL DIRECT
MESSAGE AUTHORITY
STORAGE MEDIUM

← 164

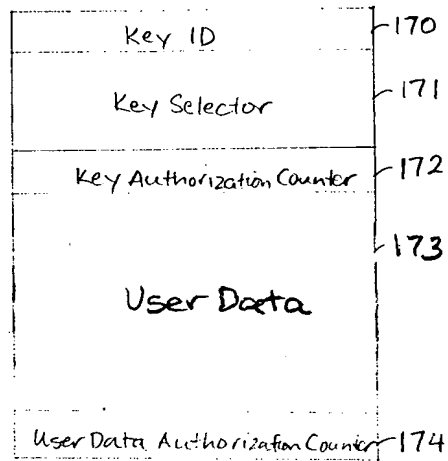


FIG. 8

KEY SELECTOR TRANSFER PROCESS

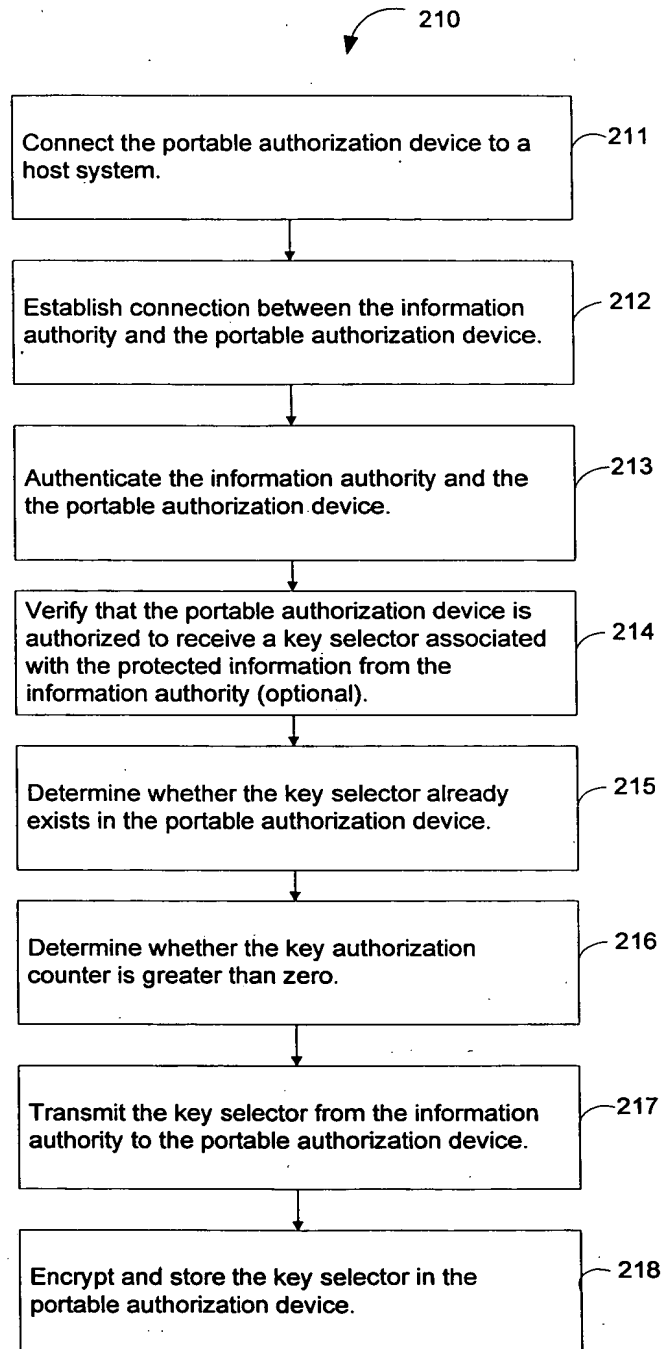


FIG. 9

HOST SYSTEM AUTHORIZATION PROCESS

220

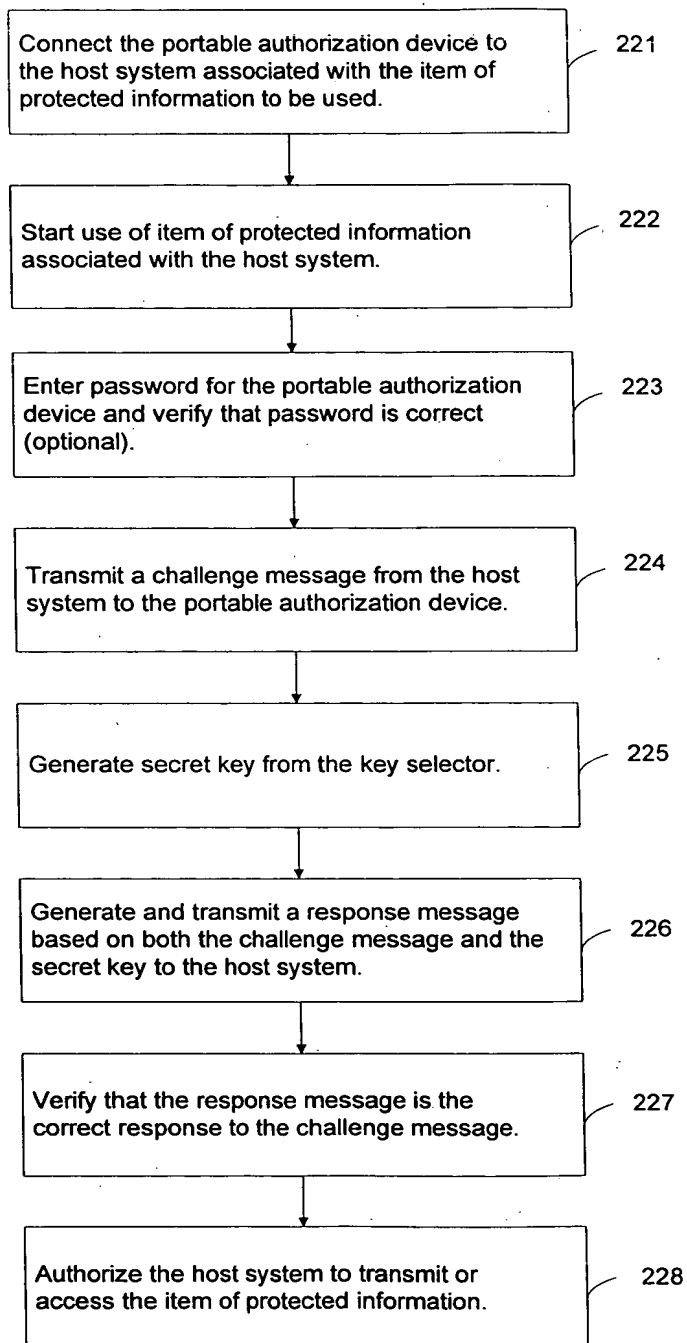


FIG. 10

KEY BLENDING ALGORITHM

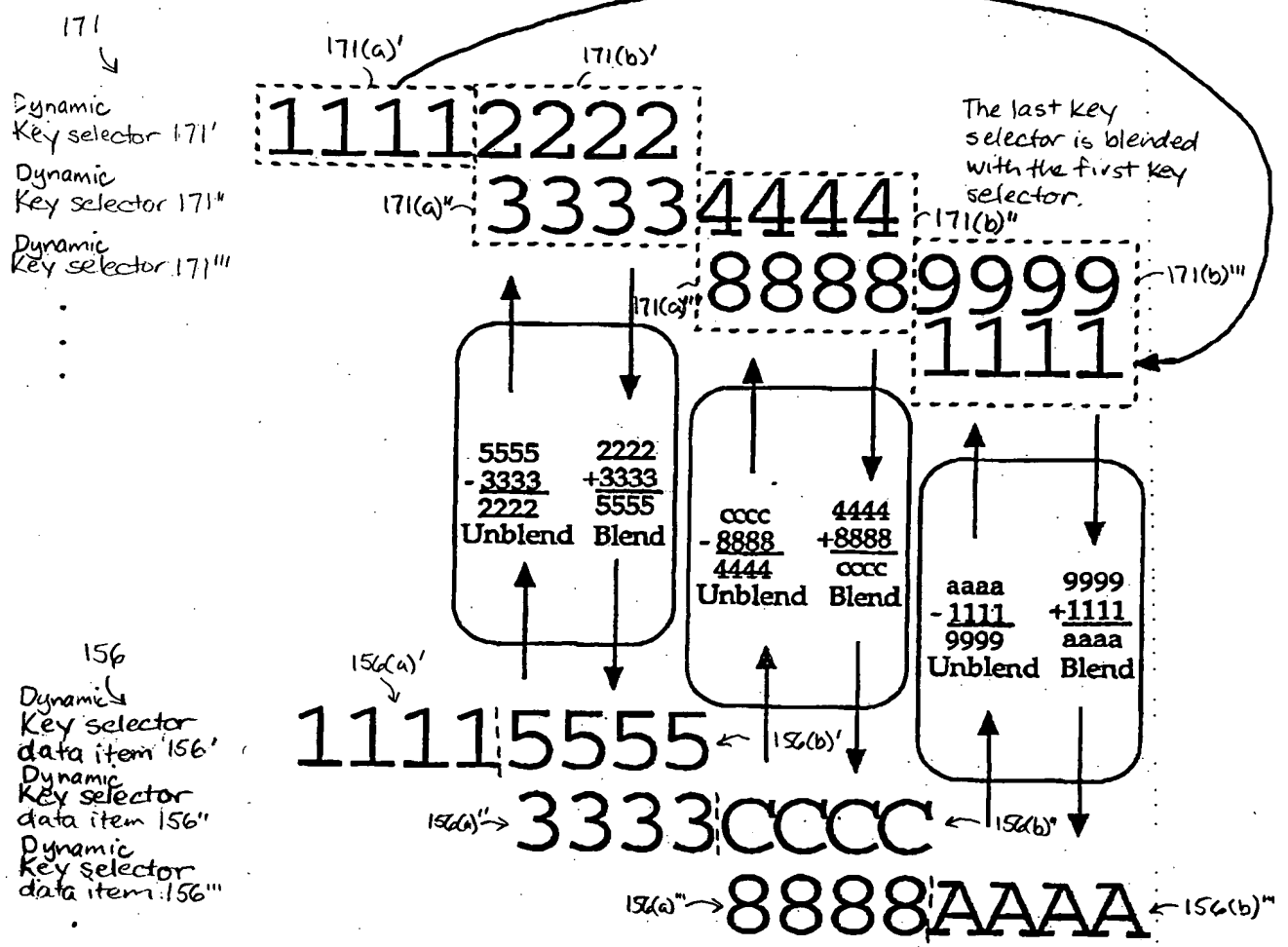


FIG. 11

**KEY EXCHANGE BETWEEN TWO PORTABLE
AUTHORIZATION DEVICES**

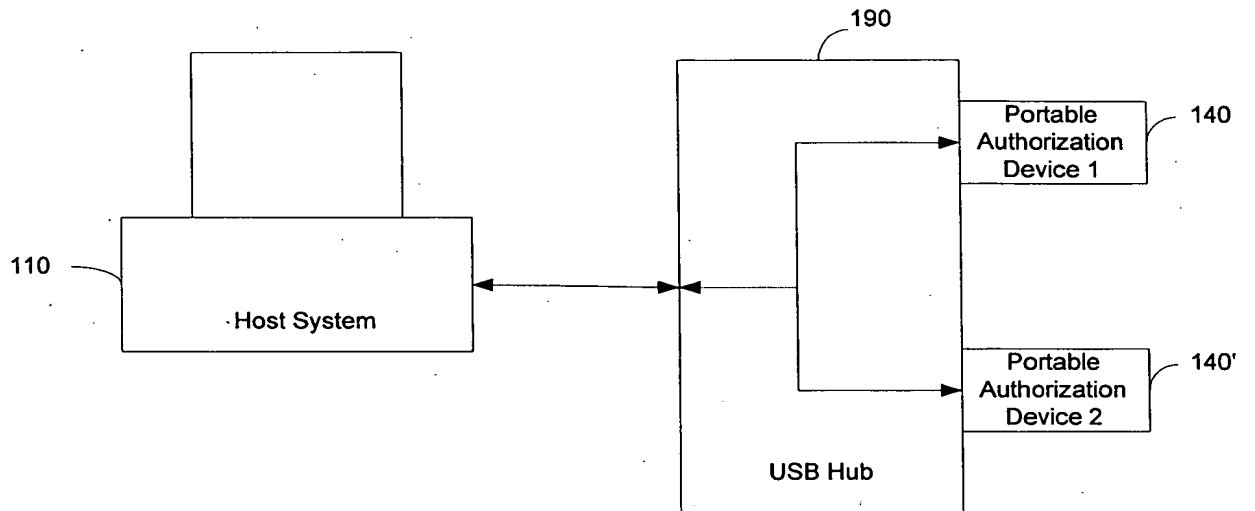


FIG. 12